

RECEIVED
CENTRAL FAX CENTER

SEP 01 2004

LUEDEKA, NEELY & GRAHAM
A PROFESSIONAL CORPORATION
ATTORNEYS AT LAW

ANDREW S. NEELY
MARK S. GRAHAM
ROBERT O. FOX
DAVID F. LAROSE
GEOFFREY D. KRESSIN
RICHARD W. BARNES, JR.
MARK P. CROCKETT
J. DAVID GONCE
MICHAEL J. BRADFORD
JULIE A. BIRDWELL

P.O. BOX 1871
KNOXVILLE, TENNESSEE 37901-1871

PHONE (865) 546-4305
FACSIMILE (865) 523-4478
E-MAIL: MGraham@LNG-patent.com

INTELLECTUAL PROPERTY LAW
INCLUDING PATENTS,
TRADEMARKS, COPYRIGHTS,
TRADE SECRETS,
TECHNOLOGY LICENSING
AND RELATED LITIGATION

SHIPPING ADDRESS:
SUITE 1871, RIVERVIEW TOWER
900 SOUTH GAY STREET
KNOXVILLE, TENNESSEE 37901

FRED THOMSEN
Of Counsel

September 1, 2004

FACSIMILE TRANSMITTAL

TO: Examiner Jose A. Fortuna
FAX #: (703) 872-9306
FROM: Mark S. Graham
RE: LOW DENSITY PAPER AND PAPERBOARD ARTICLES
U.S. Application No. 09/770,340 filed 01/26/2001
IP Case No. 024555[BB]
LNG File No. 54821.P1/ C-3536.1

TOTAL NUMBER OF PAGES, INCLUDING COVER PAGE, 8

Dear Examiner Fortuna:

Pursuant to our conversation this a.m., attached is a copy of the Information Disclosure Statement filed in April 6, 2001, along with the return receipt post card.

Please call us and let us know what you can do to allow this case to issue in the normal course. Also, we need to discuss the recent communication dated August 24, 2004¹, wherein you disapproved the 3.12 amendment.

I look forward to hearing from you soon.

Regards,
Mark

CONFIDENTIALITY NOTICE
The information contained in this facsimile message is privileged and confidential information intended for the use of the addressee listed above. If you have received this telecopy in error, please immediately notify us by telephone to arrange for return of the original documents to us.

¹ It was noted in this communication "the IDS filed on July 19, 2004, has not been considered, because it was filed after the payment of the issue fee..." A copy of the April 6, 2001 IDS with non-patent references was filed as a courtesy with a response to an Office Action in the divisional case, U.S. Serial No. 10/666,416.

Serial No. 09/770,340 Atty File No. 54821.P1/C-3520.0 Date: *April 6, 2001*

Applicant: Kosaraju Krishna MOHAN, et al. Filing Date: January 26, 2001
For: LOW DENSITY PAPER AND PAPERBOARD ARTICLES
Group Art:
Enclosure(s): (1) Information Disclosure Statement (1 pg.)
PTO Form 1449A (4 pgs.)
(2) Copies of Cited Art: 49 patents and 9 articles
(3) First Class Certificate of Mailing

Assistant Commissioner for Patents
Washington, D.C. 20231

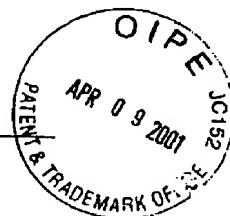
Sir:

RECEIVED

Please acknowledge receipt of the above-identified documents by applying the Patent and
Trademark Office receipt stamp hereto and mailing this card.

Respectfully,
LUEDEKA, NEELY, & GRAHAM, P.C.
LUEDEKA, NEELY, & GRAHAM, P.C.
MSG:lal

F:\54821\P1.ids.postcard



SEP 01 2004

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Kosaraju Krishna MOHAN, et. al.
 Serial No.: 09/770,340
 Filed: January 26, 2001
 For: LOW DENSITY PAPER AND PAPERBOARD ARTICLES
 GAU/Examiner:

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. § 1.97

Assistant Commissioner for Patents
 Washington, D.C. 20231

Sir:

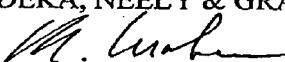
It is respectfully requested that the documents listed on the attached Form PTO-1449 be considered by the Patent and Trademark Office in the above-entitled application and made of record therein.

This statement is believed to be in compliance with the provisions of 37 C.F.R. §§ 1.97 and 1.98, including submission of the enclosed full-text copies.

By this submission applicant is not admitting the materiality of these references; they are merely submitted to ensure full compliance with 37 C.F.R. § 1.56.

Respectfully submitted,

LUEDEKA, NEELY & GRAHAM, P.C.

By: 

Mark S. Graham
 Registration No. 32,355

Date: April 6, 2001
 P.O. Box 1871
 Knoxville, Tennessee 37901
 (865) 546-4305

F:\54821\PI.ids.wpd

* * * CERTIFICATE OF MAILING * * *

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231

on April 6, 2001
 Date


 Mark S. Graham

SEP 01 2004

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet

1

of

5

Application Number	09/770,340
Filing Date	January 26, 2001
First Named Inventor	Kosaraju Krishna MOHAN
Group Art Unit	
Examiner Name	
Attorney Docket No.	54821.P1

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document No.	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines Where Relevant Passages or Relevant Figs. Appear
		3,293,114	D. Kenaga, et al.	12/20/1966	
		3,357,322	L. D. Gill	01/12/1965	
		3,468,467	S. W. Amberg	09/23/1969	
		3,556,934	F. Meyer	01/19/1971	
		3,615,972	D. Morehouse, et al.	10/26/1971	
		3,779,951	R. Streu	12/18/1973	
		3,785,254	Robert H. Mann	01/15/1974	
		3,941,634	H. Nisser, et al.	03/02/1976	
		4,051,277	R. M. Wilkinson	09/27/1977	
		4,133,688	W. H. Sack	01/09/1979	
		4,233,325	G. Slangan	11/11/1980	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T*
		Office ²	Number ³				

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T*

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered.

Include copy of this form with next communication to applicant.

*Unique citation designation number. ²Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ³For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁴Applicant is to place a check mark here if English language translation is attached.

F:\54821\P1.ids.wpd

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet

2

of

5

Application Number	09/770,340
Filing Date	January 26, 2001
First Named Inventor	Kosaraju Krishna MOHAN
Group Art Unit	
Examiner Name	
Attorney Docket No.	54821.P1

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document No.	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines Where Relevant Passages or Relevant Figs. Appear
		4,237,171	Fred C. Laage	12/02/1980	
		4,241,125	R. G. Canning	12/23/1980	
		4,435,344	A. Iioka	03/06/1984	
		4,451,585	B. Andersson	05/29/1984	
		4,483,889	B. Andersson	11/20/1984	
		4,548,349	R. Tunberg	10/22/1985	
		4,581,285	E. Mahefkey, Jr.	04/08/1986	
		4,617,223	D. F. Hiscock	10/14/1986	
		4,619,734	I. Andersson	10/28/1986	
		4,777,930	M. E. Hartz	10/18/1988	
		4,781,243	N. DeVogel	11/01/1988	
		4,836,400	W. Chaffey, et al.	06/06/1989	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	T ⁴
		Office ²	Number ³				

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁴

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²Enter Office that issued the document, by the two-letter code (MPO Standard ST.3). ³For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁴Applicant is to place a check mark here if English language translation is attached.

F:\54821\P1.ids.wpd

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet

3

of

5

Application Number	09/770, 340
Filing Date	January 26, 2001
First Named Inventor	Kosaraju Krishna MOHAN
Group Art Unit	
Examiner Name	
Attorney Docket No.	54821.P1

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document No.	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines Where Relevant Passages or Relevant Figs. Appear
		4,898,752	G. A. Cavagna	02/06/1990	
		4,902,722	G. E. Melber	02/20/1990	
		4,946,737	C. M. Lindeman, et al.	08/07/1990	
		4,982,722	W. Burk Wyatt	01/08/1991	
		5,092,485	T. T. Lee	03/03/1992	
		5,096,650	D. J. Renna	03/17/1992	
		5,125,996	B. C. Campbell, et al.	06/30/1992	
		5,145,107	V. K. Silver	09/08/1992	
		5,226,585	R. Varano	07/13/1993	
		5,363,982	C. E. Sadlier	11/15/1994	
		5,370,814	I. O. Salyer	12/06/1994	
		5,424,519	G. Salee	06/13/1995	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T*
		Office ²	Number ³				

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T*

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ³For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. *Applicant is to place a check mark here if English language translation is attached.

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 4

of 5

Application Number	09/770, 340
Filing Date	January 26, 2001
First Named Inventor	Kosaraju Krishna MOHAN
Group Art Unit	
Examiner Name	
Attorney Docket No.	54821.P1

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document No.	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines Where Relevant Passages or Relevant Figs. Appear
		5,454,471	J. Norvell	10/03/1995	
		5,477,917	I. Salyer	12/26/1995	
		5,478,988	T. E. Hughes, et al.	12/26/1995	
		5,490,631	A. Iioka	02/13/1996	
		5,499,460	Y. G. Bryant	03/19/1996	
		5,520,103	D. Zielinski, et al.	05/28/1996	
		5,601,744	Wayne D. Baldwin	02/11/1997	
		5,637,389	David Colvin, et al.	06/10/1997	
		5,705,242	P. J. Andersen	01/06/1998	
		5,759,624	Douglas Neale, et al.	06/02/1998	
		5,792,398	Bengt Andersson	08/11/1998	
		5,880,435	William M. Bostic	03/09/1999	
		5,884,006	S. Frohlich, et al.	03/16/1999	
		5,952,068	D. Neale, et al.	09/14/1999	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁴
		Office ²	Number ³				

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁴
		Tappi/ May 1972, Vol. 55, No. 5, pg. 770-771	
		Tappi/ December 1973, Vol. 56, No. 12, Pg. 158-160	
		"The Use of Microspheres to Improve Paper Properties", by Soderberg, Paper Technology, August 1989, pgs. VII/17-VII/21	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered.
 Include copy of this form with next communication to applicant.
 Unique citation designation number. ²Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ³For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁴Applicant is to place a check mark here if English language translation is attached.

F:\54821\P1.ids.wpd F:\54821\P1.ids.wpd

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 5 of 5

Application Number	09/770,340
Filing Date	January 26, 2001
First Named Inventor	K. Mohan, et al.
Group Art Unit	
Examiner Name	
Attorney Docket No.	54821.P1

U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Office ²	Number ³			

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

EXAMINER'S NON-PATENT LITERATURE DOCUMENTS		
Examiner Initials*	Cite No.*	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
		"XPANCEL®", An Introduction, a publication from Expancel, Box 13000, S-850 13 Sundsvall, SWEDEN
		"The Application of Microspheres for the Production of High Bulk Papers", by M. Baumeister, Das Papier, Vol. 26, no. 10A: 716-720 (1972)
		"Microspheres find use as fiber replacement in low-density board", by David O. Bowen, Pulp & Paper November 1976, pg. 126-127
		EXPANCEL ® Expandable Microspheres in Paper and Board, by Mark Lunabba, KemaNord Plast AB, Sector Microspheres, Box 13000, S-850 13 Sundsvall, SWEDEN
		"Expandable Microspheres in Board", World Pulp & Paper Technology, pgs. 143-145
		"Foams on the Cutting Edge", by Ray Erikson, January 1999

***EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. **Include copy of this form with next communication to applicant.** **Unique citation designation number.** ²Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ³For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁴Applicant is to place a check mark here if English language translation is attached.

F:\54821\P1.lds word